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| <b>Index of Claims</b><br> | <b>Application/Control No.</b><br>09920057 | <b>Applicant(s)/Patent Under Reexamination</b><br>NIEMI ET AL. |
|   | <b>Examiner</b><br>Zachary A Davis         | <b>Art Unit</b><br>2437  |

|   |                 |   |                   |   |                     |   |                 |
|---|-----------------|---|-------------------|---|---------------------|---|-----------------|
| ✓ | <b>Rejected</b> | - | <b>Cancelled</b>  | N | <b>Non-Elected</b>  | A | <b>Appeal</b>   |
| = | <b>Allowed</b>  | ÷ | <b>Restricted</b> | I | <b>Interference</b> | O | <b>Objected</b> |

| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant |          |            |            |            |            |            |            |            |            |  | <input type="checkbox"/> CPA | <input type="checkbox"/> T.D. | <input type="checkbox"/> R.1.47 |
|--|----------|------------|------------|------------|------------|------------|------------|------------|------------|--|------------------------------|-------------------------------|---------------------------------|
| CLAIM  |          | DATE       |            |            |            |            |            |            |            |  |                              |                               |                                 |
| Final  | Original | 05/02/2005 | 10/07/2005 | 03/31/2006 | 10/11/2006 | 04/07/2008 | 11/24/2008 | 07/13/2009 | 01/14/2010 |  |                              |                               |                                 |
| 1  | 1        | ✓          | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |                               |                                 |
| 13   | 2        | ✓          | ✓          | ✓          | ✓          | ✓          | ✓          | ✓          | =          |  |                              |                               |                                 |
| 2  | 3        | ✓          | ✓          | ✓          | ✓          | ✓          | O          | =          | =          |  |                              |                               |                                 |
|  | 4        | ✓          | ✓          | ✓          | ✓          | ✓          | ✓          | O          | -          |  |                              |                               |                                 |
| 3  | 5        | ✓          | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |                               |                                 |
| 14   | 6        | ✓          | ✓          | ✓          | ✓          | ✓          | ✓          | ✓          | =          |  |                              |                               |                                 |
| 4  | 7        | ✓          | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |                               |                                 |
| 5  | 8        | ✓          | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |                               |                                 |
| 6  | 9        | ✓          | ✓          | O          | O          | O          | O          | =          | =          |  |                              |                               |                                 |
| 7  | 10       | ✓          | ✓          | O          | O          | O          | O          | =          | =          |  |                              |                               |                                 |
| 8  | 11       | ✓          | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |                               |                                 |
| 9  | 12       | ✓          | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |                               |                                 |
| 10   | 13       | ✓          | ✓          | O          | O          | O          | O          | =          | =          |  |                              |                               |                                 |
| 11   | 14       | ✓          | ✓          | O          | O          | O          | O          | =          | =          |  |                              |                               |                                 |
| 15   | 15       | ✓          | ✓          | O          | O          | O          | O          | ✓          | =          |  |                              |                               |                                 |
| 16   | 16       | ✓          | ✓          | O          | O          | O          | O          | ✓          | =          |  |                              |                               |                                 |
| 17   | 17       | ✓          | ✓          | ✓          | ✓          | ✓          | ✓          | O          | =          |  |                              |                               |                                 |
| 31   | 18       | ✓          | ✓          | ✓          | ✓          | ✓          | O          | ✓          | =          |  |                              |                               |                                 |
| 18   | 19       | ✓          | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |                               |                                 |
|  | 20       | ✓          | ✓          | ✓          | ✓          | ✓          | ✓          | O          | -          |  |                              |                               |                                 |
| 19   | 21       | ✓          | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |                               |                                 |
| 36   | 22       | ✓          | ✓          | ✓          | ✓          | ✓          | O          | ✓          | =          |  |                              |                               |                                 |
| 20   | 23       | ✓          | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |                               |                                 |
| 21   | 24       | ✓          | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |                               |                                 |
| 22   | 25       | ✓          | ✓          | O          | O          | O          | ✓          | =          | =          |  |                              |                               |                                 |
| 23   | 26       | ✓          | ✓          | O          | O          | O          | ✓          | =          | =          |  |                              |                               |                                 |
| 24   | 27       | ✓          | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |                               |                                 |
| 25   | 28       | ✓          | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |                               |                                 |
| 26   | 29       | ✓          | ✓          | O          | O          | O          | ✓          | O          | =          |  |                              |                               |                                 |
| 27   | 30       | ✓          | ✓          | O          | O          | O          | ✓          | O          | =          |  |                              |                               |                                 |
| 37   | 31       | ✓          | ✓          | O          | O          | O          | O          | ✓          | =          |  |                              |                               |                                 |
| 38   | 32       | ✓          | ✓          | O          | O          | O          | O          | ✓          | =          |  |                              |                               |                                 |
|  | 33       | ✓          | ✓          | ✓          | ✓          | ✓          | -          | -          | -          |  |                              |                               |                                 |
|  | 34       | ✓          | ✓          | ✓          | ✓          | ✓          | -          | -          | -          |  |                              |                               |                                 |
|  | 35       | ✓          | ✓          | ✓          | ✓          | ✓          | -          | -          | -          |  |                              |                               |                                 |
|  | 36       | ✓          | ✓          | ✓          | ✓          | ✓          | -          | -          | -          |  |                              |                               |                                 |

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|--|----------|------------|------------|------------|------------|------------|------------|------------|------------|--|------------------------------|--|--|--|--|--|--|--|--|--|--|-------------------------------|--|--|--|--|--|--|--|--|--|--|---------------------------------|--|--|--|--|--|--|--|--|--|--|
| CLAIM  |          | DATE       |            |            |            |            |            |            |            |  |                              |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |
| Final  | Original | 05/02/2005 | 10/07/2005 | 03/31/2006 | 10/11/2006 | 04/07/2008 | 11/24/2008 | 07/13/2009 | 01/14/2010 |  |                              |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |
|  | 37       | ✓          | ✓          | ✓          | ✓          | ✓          | -          | -          | -          |  |                              |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |
|  | 38       | ✓          | ✓          | ✓          | ✓          | ✓          | -          | -          | -          |  |                              |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |
|  | 39       | ✓          | ✓          | ✓          | ✓          | ✓          | -          | -          | -          |  |                              |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |
|  | 40       | ✓          | ✓          | ✓          | ✓          | ✓          | -          | -          | -          |  |                              |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |
|  | 41       | ✓          | ✓          | O          | O          | O          | -          | -          | -          |  |                              |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |
|  | 42       | ✓          | ✓          | O          | O          | O          | -          | -          | -          |  |                              |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |
|  | 43       | ✓          | ✓          | ✓          | ✓          | ✓          | -          | -          | -          |  |                              |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |
|  | 44       | ✓          | ✓          | ✓          | ✓          | ✓          | -          | -          | -          |  |                              |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |
|  | 45       | ✓          | ✓          | O          | O          | O          | -          | -          | -          |  |                              |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |
|  | 46       | ✓          | ✓          | O          | O          | O          | -          | -          | -          |  |                              |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |
| 32   | 47       | ✓          | ✓          | O          | O          | O          | O          | ✓          | =          |  |                              |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |
| 33   | 48       | ✓          | ✓          | O          | O          | O          | O          | ✓          | =          |  |                              |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |
| 12   | 49       |            |            |            |            |            | ✓          | ✓          | =          |  |                              |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |
| 28   | 50       |            |            |            |            |            | ✓          | ✓          | =          |  |                              |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |
| 34   | 51       |            |            |            |            |            | O          | ✓          | =          |  |                              |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |
| 35   | 52       |            |            |            |            |            | O          | ✓          | =          |  |                              |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |
| 29   | 53       |            |            |            |            |            |            | ✓          | =          |  |                              |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |
| 30   | 54       |            |            |            |            |            |            | ✓          | =          |  |                              |  |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |